CLAIMS:

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- 1. A method of producing a laminated composite article, said method comprising the steps of:
 - (a) forming a layered structure comprising a rigid substrate layer having two substantially flat sides, a resin-saturated sheet layer disposed on each of said sides, and a veneer layer disposed on at least one of said sheet layers; and,
 - (b) subjecting said structure to elevated temperature and pressure in a pressing apparatus for a time sufficient to cure said resin at said temperature and pressure.
- 2. The method of claim 1, wherein said 15 pressing apparatus comprises a first platen and a second platen, said first platen having a temperature of about 350°F to about 405°F, and said second platen having a temperature of about 320°F to about 350°F.
- 20 3. The method of claim 1, wherein said pressing apparatus subjects the structure of step (a) to a pressure of about 325 psi to about 425 psi.
- 4. The method of claim 1, wherein said time 25 is about one minute or less.
 - 5. The method of claim 1, wherein said time is about 30 seconds to about 40 seconds.
- of said resin saturated sheet is a material comprising melamine.
- 7 The method of claim 6, wherein said resin of said resin-saturated sheet is a material comprising about 98 wt.% melamine.

- 8. The method of claim 6, wherein said resin of said resin-saturated sheet is a material comprising a melamine/urea blend.
- 9. The method of claim 8, wherein said resin of said resin-saturated sheet is a material comprising about 60 wt.% of melamine and about 40 wt.% of urea.
- 10. The method of claim 6, wherein said resin comprises about 45 wt.% to about 65 wt.% of the resinsaturated sheet.
 - 11. The method of claim 1, wherein said sheet of said resin-saturated sheet is an alpha cellulose sheet having a basis weight of about 40 pounds per ream to about 100 pounds per ream.
 - 12. The method of claim 1, wherein said rigid substrate layer is a material selected from the group consisting of particleboard, low-density fiberboard, medium-density fiberboard, and high-density fiberboard.

The method of claim 1, wherein said veneer layer comprises a wood-like material having a moisture content of about 7 wt.% to about 10 wt.% based on the weight of the veneer.

14. A laminated composite wood product made by the method of claim 1.

- 15. A method of producing a composite article, comprising the steps of:
 - (a) providing a rigid substrate layer having two substantially flat sides;
- (b) providing, of each of said sides of the substrate layer, a sheet layer that is substantially saturated with a thermosetting resin;

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- (c) providing, on at least one of said sheet layers, a veneer layer;
- (d) providing the product of step (c) in a pressing apparatus; and
- (e) subjecting the product of step (d) to elevated heat and pressure in said pressing apparatus for a period sufficient to cure said resin at said temperature and pressure.

16. The method of claim 15, wherein:
the product of step (c) is provided in a
pressing apparatus including a first platen and a
second platen; and,

in step (e) said first platen has an elevated temperature in the range of about 350°F to about 405°F, and said second platen has an elevated temperature in the range of about 320°F to about 350°F.

17. A laminated composite wood product comprising a rigid substrate layer having two substantially flat sides, a resin-saturated sheet layer on each of said substantially flat sides, and a veneer layer on at least one of said sheet layers.

18. The product of claim 17, wherein said resin of said resin-saturated sheet is a material comprising melamine.

- 19. The product of claim 18, wherein said resin of said resin-saturated sheet is a material comprising about 98 wt.% melamine.
- 20. The product of claim 18, wherein said 35 resin of said resin-saturated sheet is a material comprising a melamine/urea blend.

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- 21. The product of claim 20, wherein said resin of said resin-saturated sheet is a material comprising about 60 wt.% of melamine and about 40 wt.% of urea.
- 22. The product of claim 18, wherein said resin comprises about 45 wt.% to about 65 wt.% of the resin-saturated sheet.
- 10 23. The product of claim 17, wherein said sheet of said resin-saturated sheet is an alpha cellulose sheet having a basis weight of about 40 pounds per ream to about 100 pounds per ream.
- 15 24. The product of claim 17, wherein said rigid substrate layer is a material selected from the group consisting of particleboard, low-density fiberboard, medium-density fiberboard, and high-density fiberboard.
 - 25. The product of claim 17, wherein said veneer layer comprises a wed-like material having a moisture content of about 7 wt.% to about 10 wt.% based on the weight of the veneer.

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